ABSTRACT OF THE DISCLOSURE

[0074] A method for a key to selectively allow access to an unpowered enclosure having a lock controller is disclosed. The key provides wireless transmission of power with simultaneous transfer of data. The method comprises: transmitting an access request signal identifying the key from the key to the lock controller; receiving by the key, a variable interrogation signal from the lock controller, in response to the access request signal; decoding the variable interrogation signal to determine an enclosure identification and identify a variable interrogation question, the variable interrogation question corresponding to one of a plurality of possible interrogation questions; validating that the key is authorized to access the enclosure by comparing the enclosure identification to a list of authorized enclosure identifications stored in the key; computing an interrogation response signal using a selected stored cipher variable corresponding to the interrogation question, in response to a key validation; transmitting the interrogation response signal from the key to the lock controller; and repeatedly transmitting power from the key to the lock controller until the key receives a signal from the lock controller indicating that sufficient power has been received by the lock controller to send an open signal to the enclosure lock.